

First Named Inventor: William J. Swanson

Application No.: 09/804,401

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The Commissioner is authorized to charge any additional fees associated with this paper or credit any overpayment to Deposit Account No. 11-0982.

Respectfully submitted,

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**APPENDIX:  
MARKED UP VERSION OF SPECIFICATION AND CLAIM AMENDMENTS**

1.(Amended) A filament cassette for supplying [spooled] filament to [an extrusion apparatus] a modeling machine that builds three-dimensional objects by extruding modeling material supplied in the form of a filament and made flowable when heated, comprising:

- a dried chamber containing a rotatable spool of coiled filament;
- a filament path leading from the chamber to an exit orifice; [and]
- a means for advancing a filament-strand from the spool along the filament path[.]  
: and  
means for preventing air flow to the chamber.

9.(Amended) The filament cassette of claim 1 [and further comprising] wherein the means for preventing air flow comprises:

- a retainer which positions the filament strand in the filament path[.] while blocking air flow along the filament path.

10.(Amended) The filament cassette of claim [4] 1, wherein the [retainer forms a seal which blocks air from entering the chamber] chamber and the coiled filament are dried to a water content of less than 700 parts per million.

11.(Amended) The filament cassette of claim 1, wherein the [chamber is air tight] means for preventing air flow to the chamber additionally prevents air flow to the filament path.

12.(Amended) The filament cassette of claim [1] 11, wherein the chamber and the coiled filament are dried to a water content of less than 700 parts per million.

13.(Amended) The filament cassette of claim [12] 11, [and further comprising] wherein the means for preventing air flow comprises:

- a door through which the means for advancing is accessed.

37.(Amended) A method for assembling the filament cassette of claim [12] 10, comprising the steps of:

- loading the spool of coiled filament into the chamber;
- drying the chamber and the coiled filament to a water content of less than 700 parts per million; and
- sealing the chamber.